

**To:** Sayles, Gregory[Sayles.Gregory@epa.gov]; Cogliano, Vincent[cogliano.vincent@epa.gov]  
**Cc:** Kavlock, Robert[Kavlock.Robert@epa.gov]; Trovato, Ramona[Trovato.Ramona@epa.gov]; Kadeli, Lek[Kadeli.Lek@epa.gov]; Clark, Becki[Clark.Beki@epa.gov]; Magnuson, Matthew[Magnuson.Matthew@epa.gov]  
**From:** Vandenberg, John  
**Sent:** Wed 1/22/2014 2:27:28 PM  
**Subject:** RE: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom

OK - I'll look at this new information asap.

-----Original Message-----

From: Sayles, Gregory  
Sent: Wednesday, January 22, 2014 9:17 AM  
To: Vandenberg, John; Cogliano, Vincent  
Cc: Kavlock, Robert; Trovato, Ramona; Kadeli, Lek; Clark, Becki; Magnuson, Matthew  
Subject: FW: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom  
Importance: High

John, Vince - I spoke with Becki this morning. She is asking us for any thoughts we have based on these on these attached documents (and see the email string) - please send your comments to Becki and cc Chris Weis ASAP. Becki may pull us together on a call later today to discuss. In the meantime, I will ask Matthew Magnuson in NHSRC to look into treatment.

Thanks

Greg

-----Original Message-----

From: Clark, Becki  
Sent: Wednesday, January 22, 2014 8:14 AM  
To: Sayles, Gregory  
Subject: Fw: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom  
Importance: High

Here it is with the attachments.

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From: Weis, Christopher (NIH/NIEHS) [E] <christopher.weis@nih.gov>  
Sent: Tuesday, January 21, 2014 6:29:43 PM  
To: Clark, Becki  
Subject: FW: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom

Becki,

I thought you should see this emerging information from the Elk River Spill. If you could share it with the EPA review team, I would appreciate it.

Thanks,

Chris

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Christopher P. Weis, Ph.D., DABT  
Toxicology Liaison/Senior Advisor  
Office of the Director  
National Institutes of Health

National Institute for Environmental Health Science  
31 Center Street, Room B1C02  
Bethesda, MD 20892-2256

PH: 301.496.3511

From: "Kapil, Vikas (CDC/ONDIEH/NCEH)" <vck3@cdc.gov<mailto:vck3@cdc.gov>>  
Date: Tue, 21 Jan 2014 15:21:08 -0500  
To: Christopher Weis <Christopher.Weis@NIH.gov<mailto:Christopher.Weis@NIH.gov>>  
Subject: FW: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom

MSDSs attached .as discussed Chris. Please give me a call if you have thoughts .note the LD50 and some comments on cancer info.

Thanks again,

Vik

From: Werner, Lora S. (CDC epa.gov)  
Sent: Tuesday, January 21, 2014 11:10 AM  
To: Helverson, Robert (CDC epa.gov); Markiewicz, Karl (EPA) (CDC epa.gov); Cseh, Larry (ATSDR/DTHHS/OD); Kapil, Vikas (CDC/ONDIEH/NCEH); Holler, James S. (Jim) (ATSDR/DTHHS/OD); Murray, Ed (ATSDR/DTHHS/OD); Wheeler, John (ATSDR/DTHHS/OD); Welsh, Clement (ATSDR/DTHHS/OD)  
Subject: Fw: Additional chemical was in Tank 396 with the MCHM that was leaked (Freedom

Please see below from EPA R3.

Ed, can Larry and your group review the tox info on this additional chemical for our internal purposes as soon as possible?

We can discuss this at our 4 pm with Robin and determine how to discuss with the state. I am sure at least their environmental state folks are also aware of this now too, and we can expect the health folks to ask our opinion soon is my guess.

Lora

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From: Linden, melissa  
Sent: Tuesday, January 21, 2014 10:55:45 AM  
To: Burns, Francis; Kelly, Jack (R3 Phila.); Werner, Lora  
Subject: Additional chemical was in Tank 396 with the MCHM that was leaked

Good morning,

During the 10am meeting with Freedom Industries this morning we were told that there was a mixture in Tank 396, instead of just MCHM. The mixture was approximately 5.6% of the PPH which can be found in the attached MSDS sheet from published by Freedom Industries. The PPH is a combination of the two

products from DOW which are also attached to this email. Approximately 300 gallons of the PPH with 6251 gallons of MCHM for the total release (including what is still in the soil and what made it to the river).

Thanks,

Melissa Linden

On-Scene Coordinator

Western Response Branch (3HS32)

Hazardous Site Cleanup Division

1060 Chapline St. Suite 401

Wheeling, WV 26003

Phone: 304-234-0251

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From: [REDACTED] **Ex. 6 - Personal Privacy** @TechLawInc.com>>  
Sent: Tuesday, January 21, 2014 10:40 AM  
To: sharma, raj; Linden, melissa  
Subject: MSDS for PPH

Hello,

Attached, please find the three MSDS for the PPH.

Thanks.

[REDACTED]  
**Ex. 6 - Personal Privacy**

Techlaw, Inc  
2208 Warwood Ave  
Wheeling, WV 26003

[REDACTED]  
**Ex. 6 - Personal Privacy**

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